



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti, P. E.
State Bridge Design Engineer

DATE: April 28, 2004

SUBJECT: Lump Sum Projects

Effective with the September 2004 letting, all cored slab projects with an off-site detour shall be prepared as lump sum projects.

Pay items are as follows:

- Construction of Superstructure
- Prestressed Concrete Piles
- Dia. Drilled Piers in Soil
- Permanent Steel Casing for Dia. Drilled Pier
- Crosshole Sonic Logging
- Foundation Excavation for End Bent
- Unclassified Structure Excavation
- Steel Pile Points
- Steel Pile Tips
- Removal of Existing Structure
- Construction, Maintenance and Removal of Temporary Access
- Construction of Substructure
- Steel Piles
- Dia. Drilled Piers not in Soil
- CSL Tubes
- SID Inspection
- Foundation Excavation for Bent
- Foundation Excavation
- Galvanizing Steel Piles
- Rip Rap

The construction of superstructure will consist of supplying and erecting prestressed concrete cored slabs, elastomeric bearings, and constructing concrete barrier rail and bridge approach slabs. If a drainage structure is located on the approach slab place the follow note on the plans:

The entire cost of furnishing and installing the drop inlet, including grates, frames, and any necessary hardware will be a Roadway pay item.

The construction of substructure will consist of supplying and placing all reinforcing steel and concrete necessary to construct all end bents and bents. Do not include any pay items relating to foundations in this pay item. For filter fabric do not include as a pay item, but give the quantity at each end bent, and place the following note on the rip rap detail sheet:

The cost of the filter fabric shall be included in the contract price bid for plain rip rap class II.

The Project Engineer should give consideration to any unusual circumstances that may exist within a project of this type that would preclude it from being bid in a lump sum amount. For current projects, send the attached form letter to the Roadway Project Design Engineer. For new plans prepared, send the letter soon after receiving the Hydraulics report. Two project special provisions have been developed for these projects. The form letter and project special provisions will be included on the Structure Design Homepage in the near future.

If the Division requests that other projects be let in this manner consult with the State Bridge Design and Construction Engineer prior to proceeding.

GRP/DAS

Attachments

[PSP 63](#)

[PSP 64](#)

[Lump Sum Project Form Letter](#)

Cc: E. Villalba, FHWA, with attachments
R. V. Keith, P. E., with attachments
R. A. Raynor, P. E., with attachments
R. Hancock, P. E., with attachments
R. Garriss, P. E., with attachments